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17. (New) In a radiolucent patient support table including flat and bottom surfaces held apart in an opposed relationship, a medical appliance support interface for selectively connecting an associated medical appliance to the table, the interface comprising:

5 a curved first connection area defined on said top surface of the surgical table, the first connection area being shaped to provide a first supporting force against an associated medical appliance in a first direction substantially parallel to the top and bottom surfaces, and a second supporting force against the associated medical appliance in a second direction substantially perpendicular to the top and bottom surfaces; and,

10 a second connection area defined on said table and shaped to provide a third supporting force against the associated medical appliance in a third direction substantially parallel to the top and bottom surfaces, and a fourth supporting force against the associated medical appliance in a fourth direction substantially perpendicular to the top and bottom surfaces.

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18. (New) The medical appliance support interface according to claim 17 wherein said first connection area includes at least one recess defined between a pair of wall surfaces that converge at a bight of the at least one recess.

19. (New) The medical appliance support interface according to claim 18 wherein said second connection area includes a substantially planar surface held at an oblique angle relative to said substantially planar top and bottom surfaces.

20. (New) The medical appliance support interface according to claim 19 further including a rounded lip area formed between said at least one recess and said substantially planar surface, the rounded lip area defining a crest located between said bight and a plane defined by the top surface of the patient

support table.

21. (New) A medical appliance interface comprising:
a table top having, on opposite sides of the table top, a substantially flat upper surface and a substantially flat lower surface;

5 a groove defined by said upper surface, the groove being spaced from an upper edge of the table top defined by said upper surface;

10 a ridge defined by said lower surface, the ridge being disposed at a lower edge of the table top defined by said lower surface; and,

a substantially flat side surface extending between said upper edge of the table top and said lower edge of the table top.

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22. (New) The medical appliance support interface according to claim 21 wherein said substantially flat side surface defines a beveled edge of said table top.

23. (New) The medical appliance support interface according to claim 21 wherein the table top includes a foam core surrounded by an outer layer of carbon fibers.

24. (New) The medical appliance support interface according to claim 21 wherein said substantially flat side surface is held at an oblique angle relative to at least one of said upper surface and said lower surface of said table top.

25. (New) The medical appliance support interface according to claim 21 wherein:

5 said groove is an elongate groove extending substantially the length of said table top; and,

said ridge is an elongate ridge extending substantially the length of said table top.

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26. (New) The medical appliance support interface according to claim 21 wherein the elongate groove is a recess defined between a pair of concave wall surfaces that converge at a bight area formed by the upper surface of the table top.

27. (New) The medical appliance support interface according to claim 26 wherein the bight area includes a flat surface between said pair of concave wall surfaces.

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28. (New) The medical appliance support interface according to claim 21 wherein said groove and said ridge are defined by exclusively curved surfaces.

29. (New) The medical appliance support interface according to claim 21 wherein:

said flat upper surface of the table top defines a plane;
said groove formed by the upper surface is a recess defined
5 between a pair of concave wall surfaces that converge at a bight
area formed by the upper surface, the bight area being spaced
apart from said plane defined by the upper surface; and,
said upper edge of the table top terminates at a location
between said bight area and said plane.